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| **DSC 205 – Final project evaluation (Spring 2024). Final presentations Mon 04.29 and Wed 05.01 3:25-4:40pm.  10 minutes for individual presentations, 15 minutes for teams. Name:** | | | | | | |
|  | **Level of achievement** | | | |  | |
| **Criteria** | **Not evident (0)** | **Emerging (1)** | **Satisfactory (2)** | **Exemplary (3)** | **Score**  **0 to 3 (0.5-point increments allowed)** | **Weight** |
| **Data visualization goals and dataset selection** | Data visualizations questions vague and dataset not identified. | Data visualization questions **missing important details and focus** and/or dataset identified does not fully correspond to goals. | Data visualization goals are **mostly specified and focused** and dataset identified enables achievement of goals. | Data visualization goals **clear and compelling** and dataset identified enables achievement of goals. | **2** | **3** |
| **Data preparation** | No data preparation and cleaning performed | Data preparation and cleaning performed **minimal and/or not sufficient** to achieve project goals | Data preparation and cleaning performed **not trivial** and consistent with project goals | Data preparation and cleaning performed **requires significant effort** and is consistent with project goals | **3** | **3** |
| **Data visualizations** | Minimal or no data visualizations produced | Data visualizations produced **often** poorly labeled or **lack in variety and quantity** to achieve project goals | Data visualizations produced **generally** labeled and are **sufficient in variety and quantity** to achieve project goals | Data visualizations produced **consistently** labeled and are sufficient in variety and quantity to achieve project goals | **3** | **5** |
| **Streamlit application** | Streamlit application not developed | Streamlit application is not complete or does not include any interactive elements to enable the user to explore the dataset(s). **Application includes very limited descriptions of the visualizations and the project goals.** | Streamlit application is complete and includes some interactive elements to enable the user to explore the dataset(s).  **Application includes text explanations of the visualizations and the project goals.** | Streamlit application is complete and includes several interactive elements that engage the user with the exploration of the dataset(s). **Application includes text explanations of the visualizations and the project goals.** | **3** | **5** |
| **Streamlit cloud hosting** | Streamlit application not hosted on Streamlit cloud |  | Streamlit application hosted on Streamlit cloud |  | **2** | **2** |
| **Application of design principles (Gestalt principles, design guidelines, color maps)** | No application of visualization design guidelines and principles. | Minimal application of visualization design guidelines and principles. | Visualization design guidelines and principles used are adequate to communicate content clearly. | Application of visualization design guidelines and principles greatly enhance visual content. | **2** | **3** |
| **Visualization Walkthrough (4.22)** | Did not present visualizations. | Visualizations limited or under-developed. | Visualizations for some primary goals are developed. | Visualizations for all goals are developed, but missing some minor refinements. | **3** | **1** |
| **Final presentation:**  **quality of verbal and non-verbal communication** | Presentation not given | Speakers’ voices is consistently too weak or too strong  Speakers fail to use inflections to emphasize key points and create interest or speaker often uses inflections inappropriately Talking pace often too fast or too slow Transitions between speakers are somewhat choppy, confused | Speakers’ voices are generally steady, strong and clear  Speakers sometimes use inflections to emphasize key points and create interest Talking pace is generally appropriate Transitions between speakers are mostly smooth | Speakers’ voices are very confident, steady, strong, and clear  Speakers consistently uses inflections to emphasize key points or to create interest  Talking pace is consistently appropriate Transitions between speakers are seamless | 3 | **3** |
| **Final presentation (4.29 and 5.01)** | Presentation not given. | Final presentation provides **somewhat vague** description of project goals and how the produced visualizations and Streamlit application achieves the goals. Data story not compelling or not consistently supported by visualizations and presentation contents. | Final presentation provides **generally** **clear** description of project goals and how the produced visualizations and Streamlit application achieves the goals. Data story engaging and mostly supported by visualizations and presentation contents. | Final presentation provides **clear and compelling** description of project goals and how the produced visualizations and Streamlit application achieves the goals. Data story compelling and fully supported by visualizations and presentation contents. | **3** | **5** |
| **By 05.01:**  **Submit link to GitHub repo used for the Streamlit app in Teams.**  **(Code and datasets)** | No submission by due date.  **30-point deduction** |  |  |  |  |  |
| **Score (max = 88): 82 Grade: A**  (Grading key: < 40: F, 40-49:D, 50-61: C, 62-73: B, 74-88: A)  Score is the sum of the products of individual scores with corresponding weights. Maximum score is the sum of the products of maximum scores with corresponding weights, excluding criteria marked as N/A.  **Comments:**  I may be drastically over-estimating my final score. We talked about the fact that my work would be held to a higher standard due to the graduate nature of the course. If that’s reflected through harsher grading standards then I think I would score significantly lower. While the work that went into collecting and analyzing the dataset was appropriately complex, I will acknowledge that the Streamlit application hardly goes beyond the ideas discussed in class. | | | | | | |